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Result
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                                                                                                                                                                                                                                                                                                                                     Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                            Minimum
                                                                                                                                                                                                                                                                                                                                                                                        Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                             Scoring table:
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                                                                                                                                                                                                                                                                                                                                                                     Maximum
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                                                                                                                                                                                                                                                                                                                                                                   length: 0
length: 2000000000
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/cgn2_6/ptodata/2/iaa/5B_COMB.pep:*
/cgn2_6/ptodata/2/iaa/6_COMB.pep:*
/cgn2_6/ptodata/2/iaa/FCTUS_COMB.pep:*
/cgn2_6/ptodata/2/iaa/backfiles1.pep:*
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 GenCore version 4.5 (c) 1993 - 2000 Comp
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US-07-955-905A-24
US-08-486-399-53
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US-08-486-397-53
US-09-249-451-53
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US-09-249-448-63
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US-08-486-397-63
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US-09-249-472-63
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35.578 Million cell updates/sec
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US-07-955-905A-24
                                                                                                             Matches
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Best Local S
                             GENERAL INFORMATION:
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                                                                                                                                                                                             MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                  LENGTH:
TYPE: a
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	45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29
	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3		20.3		20.3	20.3
	162	162	162	162	162	162	162	162	162	162	162	78	78	78	78	78	78
	ω	w	ω	ω	ω	w	2	N	2	N	N	ω	w	ω	w	ω	ω
ALIGNMENTS	US-09-249-448-64	US-09-249-461-64	US-08-809-455-64	US-09-249-451-64	US-09-249-472-64	US-09-249-471-64	US-08-634-641-64	US-08-461-965-64	US-08-486-399-64	US-08-486-397-64	US-08-465-380-64	US-09-249-448-54	US-09-249-461-54	US-08-809-455-54	US-09-249-451-54	US-09-249-472-54	US-09-249-471-54
	Sequence 64,	•	-	-	-	-	-	•	Sequence 64,	-	•	-	•	•	•	•	Sequence 54, /
	Appl																

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NAME/KEY: Protein
LOCATION: 1.605
OTHER INFORMATION: /note= "Vicilin from G. max"
US-07-955-905A-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 24, Application US/07955905A Patent No. 5770433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: US/07/955,905A FILING DATE: 21-JAN-1993 CLASSIFICATION: 435 INFORMATION FOR SEQ ID NO: 24:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT:
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0,
CURRENT APPLICATION DATA:
APPLICANT: George P. Vlasuk, Patric H. Stanssens, APPLICANT: Joris H.L. Mensens, Marc J. Lauwereys, APPLICANT: Yves R. Laroche, Laurent S. Jespers, APPLICANT: Yannick G.J. Gansemans, Matthew Moyle.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                      31 ENPKHNKCLQSCNSERDSYRNQACHARCNLLKVEKEECEEGEIPRPRPRPQHPER 85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Glycine max
                                                                                                                                                                                                                         1 ENPKHNKCLQSCNSERDSYRNQACHARCNLLKVEKEECEEGEIPRPRPRPPPPPER 55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            amino acid
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28
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Pred. No. 2.8e-28;
Mismatches 0;
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TITLE OF INVENTION: TITLE OF INVENTION: NUMBER OF SEQUENCES:

NEMATODE-EXTRACTED ANTICOAGULANT PROTEIN

APPLICANT:

Peter W. Bergum

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                                                                                                                                                                                                                                  Sequence 53, Patent No. 5
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Best Local
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FILING DATE: June 5, 1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/326,110
FILING DATE: October 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REGISTRATION NUMBER: 30,158
                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO:
                                                                                                       APPLICANT: George P. Vlasuk, Patric H. Stanssens, APPLICANT: Joris H.L. Mensens, Marc J. Lauwereys, APPLICANT: Yves R. Laroche, Laurent S. Jespers, APPLICANT: Yannick G.J. Gansemans, Matthew Moyle, APPLICANT: Peter W. Bergum
                                                                           TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT TITLE OF INVENTION: PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MOLECULE TYPE: |
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQUENCE CHARACTERISTICS:
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                                                           NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
   STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                         15 YKQCERKCNKELSEKDEEACLSRACTGRACVCNDGLYRDDFGNCVEKDECNDMEIITFPP 74
                       ADDRESSEE
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5866542
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   633
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Lyon & Lyon
3 West Fifth Street
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29.7%;
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Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.41;
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RESULT 4
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                                                                                                                                                                                                                                                                                                                           Patent No. 5866543
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                              Sequence 53,
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TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 5
COMPUTER READABLE FORM: MEDIUM TYPE: 3.5" Diskette,
                                                                                                                                                                                                                                 APPLICANT: George P. Vlasuk, Patric H. Stanssens, APPLICANT: Joris H.L. Mensens, Marc J. Lauwereys, APPLICANT: Yves R. Laroche, Laurent S. Jespers, APPLICANT: Yannick G.J. Gansemans, Matthew Moyle, APPLICANT: Peter W. Bergum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                     ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth S
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                            CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                  TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT TITLE OF INVENTION: PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS
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TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICATION NUMBER: US/08/486,:
FILING DATE: June 5, 1995
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/326,110
FILING DATE: October 18, 1994
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SOFTWARE: Word Perfect CURRENT APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                   NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: ami
                                   COUNTRY: UZIP: 90071
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    75 ETKH 78
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           5 HNKCLOSCNSERDSYRNOACHAR-----CN--LLK-----VEKEECEEGEIPRPRP 48
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California
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GY: linear
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                                                      U.S.A.
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29.7%;
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                                                                                                                            Street
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Pred. No. 0.41;
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CURRENT APPLICATION DATA:

US/08/486,399

OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1

IBM Compatible

IBM P.C. DOS 5.0

storage

MEDIUM TYPE:

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Matches
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Best Local :
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 78 amino acids
                                    OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: NEMATODE-EXTRACTED ANTICOAGULANT TITLE OF INVENTION: PROTEIN
                                                                                                                                                                                                                                                                                                                                                             APPLICANT: George P. Vlasuk, Patric H. Stanssens, APPLICANT: Joris H.L. Mensens, Marc J. Lauwereys, APPLICANT: Yves R. Laroche, Laurent S. Jespers, APPLICANT: Yannick G.J. Gansemans, Matthew Moyle, APPLICANT: Peter W. Bergum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: 213/270
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQUENCES:
                                                                                                                                                                                                 ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                     COUNTRY: UZIP: 90071
                                                                                           COMPUTER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             75 ETKH 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               49 RPQH 52
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les 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/08, FILING DATE: June 5, 1995
APPLICATION NUMBER: US/08 FILING DATE: June 5, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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                                                                                           IBM Compatible
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Ther: 30,158
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29.7%;
                    US/08/461,965
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Pred. No. 0.41;
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US-08-634-641-53
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPHONE: (213) 489-16(
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 9
                                                                                                                                                                                                 STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S A
                       APPLICATION NUMBER: US/08/6
FILING DATE: April 19, 1996
PRIOR APPLICATION DATA:
                                                                      OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
                                                                                                                                                                                                                                                                                                                                   APPLICANT: Bergum, Peter W.
TITLE OF INVENTION: PROTEIN
TITLE OF INVENTION: PROTEIN
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MOLECULE TYPE:
ORIGINAL SOURCE:
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FILING DATE: OCTOBER 18,
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,1
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                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES:
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                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT:
FILING DATE:
               APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     75 ETKH 78
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Jespers, Laurent Stephane
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Stanssens, Patrick Eric Hugo
Mensens, Joris Hilda Lieven
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                                                                                                                          IBM Compatible
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October 17, 1995
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29.7%;
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             PCT/US95/13231
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                                                              US/08/634,641
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Pred. No. 0.41;
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APPLICATION NUMBER: 00,...
TWG DATE: June 5, 1995
TWGER: 08,486,397

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US-08-634-641-53
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                     GENERAL INFORMATION:
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SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                          APPLICANT:
                            COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                               TITLE OF INVENTION:
TITLE OF INVENTION:
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,
                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                    NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                 APPLICANT:
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                                                                                                      CITY: Los Angeles
STATE: California
                                                                                                                           STREET: 633 FC. STREET: Suite 4700
COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.(
                                                                                       COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/461,965 FILING DATE: June 5, 1995 APPLICATION NUMBER: 08/326,110 FILING DATE: October 18, 1994
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                                                                                                                                                                      ADDRESSEE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          15 YKQCERKCNKELSEKDEEACLSRACTGRACVCNDGLYRDDFGNCVEKDECNDMEIITFPP 74
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                                                                                                                                                    E: Lyon & Lyon
633 West Fifth Street
                                                                                         U.S.A.
                                                                                                                                                                                                                                                              Bergum, Peter W.
                                                                                                                                                                                                                                                                                          Gansemans, Yannick Georges Jozef
                                                                                                                                                                                                                                                                                                                                                       Stanssens, Patrick Eric Hugo
Messens, Joris Hilda Lieven
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                                                                                                                                                                                                                                                                                                                                          Lauwereys, Marc Josef
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Linear
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NUMBER: 08/95
---- 5, 1995
---- 5, 1995
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June 5, 1995
MMBER: 08/461,965
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21.3%;
29.7%;
                                                                                                                                                                                                                 NEMATODE-EXTRACTED SERINE PROTEASE INHIBITORS AND ANTICOAGULANT PROTEIN
 IBM P.C.
                                                                                                                                                                                                                                                                                                                             Yves Rene
                                                                                                                                                                                                  356
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   9; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 67; DB 2
Pred. No. 0.41;
 DOS 5.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 78;
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                                                                                                                                                                                                                                                                                                                                            Patent No. 6046318
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Best Local Similarity
Matches 19; Conserv
                                                                                                                                                                                                                                                                                                                                                                Sequence 53,
                                                                                                                                                                                                                                                                                                                           GENERAL INFORMATION:
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NAME: BIGGS, SUZANNE L.

REGISTRATION NUMBER: 30, 158

REFERENCE/DOCKET NUMBER: 216/270

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: October 17, 1995
APPLICATION NUMBER: 08/486,399
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/465,380
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/461,965
                                                                                                APPLICANT: Bergum, Peter W. TITLE OF INVENTION: NEMATOD TITLE OF INVENTION: INHIBIT
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APPLICANT:
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ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQUENCE CHARACTERISTICS LENGTH: 78 amino acid:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/
                                       CORRESPONDENCE ADDRESS:
                                                                                                                                                            APPLICANT:
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PRIOR APPLICATION DATA:
                                                          NUMBER OF SEQUENCES:
                                                                                 TITLE OF INVENTION:
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FTLING DATE: April 17,
  STREET:
                    ADDRESSEE:
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GY: linear
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2: Lyon & Lyon
633 West Fifth Street
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Moyle, Matthew
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Jespers, Laurent Stephane
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Messens, Joris Hilda Lieven
Lauwereys, Marc Josef
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                                                                               PROTEIN
                                                                                                NEMATODE-EXTRACTED SERINE PROTEASE INHIBITORS AND ANTICOAGULANT
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7, 1997
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Pred. No.
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage

IBM Compatible

COUNTRY:

U.S.A.

Los Angeles California

90071

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US-09-249-451-53

; Sequence 53, Application US/09249451

; Patent No. 6087487
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US-09-249-472-53
                                                                                                                                     Patent No. 6087487 GENERAL INFORMATION:
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Best Local Similarity
Matches 19; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE: OCTOBER 17, 1995
APPLICATION NUMBER: 08/486,399
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/465,380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                   APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: October 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NIMBER: 716/
                APPLICANT:
                                                                 APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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                                   APPLICANT:
                                                   APPLICANT:
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APPLICATION NUMBER: 08/465,380
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/461,965
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/326,110
                                                                                                                                                                                                                                                                                             49 RPQH 52
                                                                                                                                                                                                                                                                                                                               15 YKQCERKCNKELSEKDEEACLSRACTGRACVCNDGLYRDDFGNCVEKDECNDMEIITFPP 74
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 08/809,455
FILING DATE: April 17, 1997
APPLICATION NUMBER: PCT/US95/13231
                                                                                                                                                                                                                                                           75 ETKH 78
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEFAX: (213) 955-0440
TELEX: 67-3510
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)GY: linear
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                                                                          Stanssens, Patrick Eric Hug-
Messens, Joris Hilda Lieven
              Laroche, Yves Rene
Jespers, Laurent Stephane
Gansemans, Yannick Georges Jozef
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Stanssens, Patrick Eric Hugo
                                                                 Lauwereys,
Moyle, Matthew
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29.7%;
                                                                 Marc Joset
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Pred. No. 0.41;
9; Mismatches
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RESULT 10 US-08-809-455-53 ; Sequence 53, Application US/08809455 ; Patent No. 6090916

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; MOLECULE TYPE:
; ORIGINAL SOURCE:
; ORGANISM: Anc
US-09-249-451-53
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                                                                                                                                                Query Match
Best Local :
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TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 216/270 TELECOMMUNICATION INFORMATION: TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: 08/326,110
APPLICATION NUMBER: 08/326,110
FILING DATE: October 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
                                                                                                                                                                                                                                                                                                               SEQUENCE CHARACTERISTICS:
LENGTH: 78 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
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TITLE OF INVENTION:
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APPLICATION NUMBER: 08/486, 297
TING DATE: JUNE 5, 1995
1995
                                                                                                                                                                                                                                                                               TYPE: ami
TOPOLOGY:
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ETLING DATE: June 5, 1995
ETLING DATE: June 5, 1995
ETLING DATE: June 5, 1995
100/326,110
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STATE: California
75 ETKH
                                49 RPQH 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/465,380
FILING DATE: June 5, 1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: FILING DATE: April APPLICATION NUMBER:
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                                                                                               5 HNKCLOSCNSERDSYRNOACHAR-----CN--LLK-----VEKEECEEGEIPRPRP 48
                                                                YKQCERKCNKELSEKDEEACLSRACTGRACVCNDGLYRDDFGNCVEKDECNDMEIITFPP 74
                                                                                                                                 l Similarity
19; Conserv
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633 West Fifth Street
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                                                                                                                                                                                                                                                                                                                                                                                (213) 955-0440
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29.7%;
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17, 1997
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Pred. No. 0.41;
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                                                                                                                                 Mismatches
                                                                                                                                                                DB 3;
                                                                                                                                                            Length 78;
                                                                                                                                 Indels
                                                                                                                                 16;
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GENERAL INFORMATION:

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75 ETKH 78

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                                                                                                            Matches
                                                                                                                              Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                  REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 216/270
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: PCT/US95/13231
FILING DATE: October 17, 1995
APPLICATION NUMBER: 08/486,399
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/485,380
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/461,965
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/326,110
FILING DATE: October 18, 1994
                                                                                                                                                                                                                                          MOLECULE TYPE:
ORIGINAL SOURCE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C.
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
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 49
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TELEFAX: (213)
TELEX: 67-3510
                                    15 YKQCERKCNKELSEKDEEACLSRACTGRACVCNDGLYRDDFGNCVEKDECNDMEIITFPP 74
                                                                                                                                                                                                                                                                               TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: BIGGS, SUZANNI REGISTRATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US/08/809,455 FILING DATE: April 17, 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE:
                                                                      5 HNKCLQSCNSERDSYRNQACHAR-----CN--LLK-----VEKEECEEGEIPRPRP 48
RPQH 52
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California
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633 West Fifth Street
                                                                                                            Conservative
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Jespers, Laurent Stephane
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Stanssens, Patrick Eric Hugo
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                                                                                                                            Score 67;
Pred. No.
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                                                                                                            Mismatches
                                                                                                                                             DB 3; Length 78;
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; ORGANISM:
US-09-249-461-53
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US-09-249-461-53
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Patent No. 6
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                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                   MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                        ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,
                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/486,397
FILING DATE: June 5,1995
APPLICATION NUMBER: 08/465,380
FILING DATE: June 5,1995
APPLICATION NUMBER: 08/461,965
FILING DATE: June 5,1995
APPLICATION NUMBER: 08/326,110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US/09/249,461 FILING DATE: PRIOR APPLICATION DATA:
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MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
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STREET: Suite 4700
CITY: Los Angeles
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: PCT/US95/13231
FILING DATE: October 17, 1995
APPLICATION NUMBER: 08/486,399
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: 08/486,397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 08 FILING DATE: April 17,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1
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STATE: California
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                                                                         TOPOLOGY:
                                                                                                           LENGTH:
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                                                                                        amino acid
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                                                                                                           78 amino acids
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633 West Fifth Street
                                                                                                                                                                                    (213) 955-0440
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Jespers, Laurent Stephane
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Messens, Joris Hilda Lieven
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                  Ancyclostoma caninum
                                                                         Linear
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                                                                                                                                                                                                                                                                                                                 October 18, 1994
                                                      peptide
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L7, 1997
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US-09-249-448-53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 78 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Bergum, FITTLE OF INVENTION: TITLE OF INVENTION: TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                     FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/326,110
FILING DATE: October 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                           FILING DATE:
PRIOR APPLICATION DATA:
                                                                                                     TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                    FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/486,397
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/465,380
FILING DATE: June 5, 1995
APPLICATION NUMBER: 08/461,965
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                                      TELEFAX: (21.
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FILING DATE: April 17, 1
APPLICATION NUMBER: PCTJ
FILING DATE: October 17,
APPLICATION NUMBER: 08/4
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STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
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                                                                                      TELEPHONE:
                                                                                                                         REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                49 RPQH 52
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o. 6121435
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                                                                    : (213) 489-1600
(213) 955-0440
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Jespers, Laurent Stephane
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Stanssens, Patrick Eric Hugo
Messens, Joris Hilda Lieven
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NUMBER: 08/486,399
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r 17, 1995
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BER: 216
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L7, 1997
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                                                                                                                       216/270
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9; Mismatches
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                   US-08-465-380-63
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CORIGINAL SOURCE:
CORGANISM: Ancycloston
US-09-249-448-53
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Best Local Similarity
                                                                                                                                                                                                                                               GENERAL INFORMATION:
                                                                                                                                                       INFORMATION FOR SEQ ID NO:
                                                 MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: Storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
                                                                                                                                                                                                    REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Yves R. Laroche, APPLICANT: Yannick G.J. Gan APPLICANT: Peter W. Bergum
                                                                                                                                   SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
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APPLICANT:
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                                                                                                     TYPE: a
                                                                                                                                                                     TELEFAX: (213) 955-0440 TELEX: 67-3510
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                                   ORGANISM:
                                                                                    TOPOLOGY:
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                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: 633 West Fifth
STREET: Suite 4700
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Joris H.L. Mensens, Marc J. Lauwereys,
Yves R. Laroche, Laurent S. Jespers,
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                                                                                    linear
                                   Ancyclostoma caninum
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                                                                 peptide
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29.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20;
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                                                                                                                                    ORGANISM: 0S-08-486-397-63
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                                 Query Match
Best Local Similarity 29.7
Matches 19; Conservative
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Best Local Similarity 29.7%;
Matches 19; Conservative
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                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acid
                                                                                                                                                                  MOLECULE TYPE: |
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                               REFERENCE/DOCKET NUMBER: 21:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
TELEX: 67-3510
                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/326,110
FILING DATE: October 18, 1994
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
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CITY: Los Angeles
STATE: California
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TITLE OF INVENTION:
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
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SOFTWARE: Word Properties
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STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: US/08/486,397 FILING DATE: June 5, 1995
CLASSIFICATION:
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                                                                                                                                                                                                                                 162 amino acids
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Peter W. Bergum
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       George P. Vlasuk, Patric H. Stanssens, Joris H.L. Mensens, Marc J. Lauwereys, Yves R. Laroche, Laurent S. Jespers, Yannick G.J. Gansemans, Matthew Moyle,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Word Perfect 5.1
                                                                                                                                                 Ancyclostoma caninum
                                                                                                                                                                                                  linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IBM Compatible
                                                                                                                                                                                peptide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PROTEIN: 357
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                                                                  21.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  IBM P.C.
                                                                                                                                                                                                                                                                                                                                                           30,158
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                                                                  Score 67; DB 2
Pred. No. 0.88;
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Pred. No. 0.88;
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                                                 Mismatches
                                                                                   DB 2;
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                                                                               Length 162
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Patent No. 5866543
                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (213) 955-044
TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                          MOLECULE TYPE:
ORIGINAL SOURCE:
                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: OCCODER 18, 19
ATTORNEY/AGENT INFORMATION:
NAME: BIGGS, SUZANNE L.
REGISTRATION NUMBER: 30,158
REFERENCE/DOCKET NUMBER: 21.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette,
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 162 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: IBM P.C. SOFTWARE: Word Perfect 5.1 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                               TELEPHONE: (213) 489-1600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/326,110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION: NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
159 ETKH 162
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                                49 RPQH 52
                                                                                                                                                                                                                                                                                            TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: US/08 FILING DATE: June 5, 1995 CLASSIFICATION: 530
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                  99 YKQCERKCNKELSEKDEEACLSRACTGRACVCNDGLYRDDFGNCVEKDECNDMEIITFPP 158
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER: IBM Compatible
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                99 YKQCERKCNKELSEKDEEACLSRACTGRACVCNDGLYRDDFGNCVEKDECNDMEIITFPP 158
                                                                                                                                                                                                                                          ORGANISM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE:
                                                                                                  5 HNKCLQSCNSERDSYRNQACHAR-----CN--LLK-----VEKEECEEGEIPRPRP 48
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Application US/08486399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  George P. Vlasuk, Patric H. Stanssens,
Joris H.L. Mensens, Marc J. Lauwereys,
Yves R. Laroche, Laurent S. Jespers,
Yannick G.J. Gansemans, Matthew Moyle,
Peter W. Bergum
                                                                                                                                      Conservative
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                                                                                                                                                                                                                                          Ancyclostoma caninum
                                                                                                                                                                                                                                                                                            linear
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                                                                                                                                                      21.3%;
29.7%;
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                                                                                                                                                    Score 67; DB 2
Pred. No. 0.88;
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                                                                                                                                    Mismatches
                                                                                                                                                                      DB 2; Length 162
                                                                                                                                      20;
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Search completed: March 1, 2001, 16:10:09 Job time: 1212 sec

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